

Appendix 3D: Typical Odour Modeling Output File

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1          ISCST3 - (DATED 02035)

          ISCST3X PC (32 BIT) VERSION 4.0.1
          (C) COPYRIGHT 1991-2002, Trinity Consultants

Run Began on 7/29/2004 at 9:53:29

** BREEZE ISC GIS Pro v4.0.11 - C:\Program Files\BREEZE\ISC\PCIEA-F(Aug)\Odour\odour.dat
** Trinity Consultants

CO STARTING
CO TITLEONE Peng Chau STW Upgrade
CO TITLETWO Unmitigated Odour Impact Assessment (1.5m)
CO MODELOPT DFAULT CONC RURAL
CO AVERTIME 1
CO POLLUTID ODOUR
CO TERRHGTs FLAT
CO FLAGPOLE 1.5
CO RUNORNOT RUN
CO FINISHED

SO STARTING
SO ELEVUNIT METERS
SO LOCATION P1 POINT 821781.1 816426.0 0
** SRCDESCR Vent of Peng Chau Sewage Pumping Station
SO LOCATION S3 AREA 821382.8 816710.9 0
** SRCDESCR Equalization Tank
SO LOCATION S4 AREA 821386.6 816703.0 0
** SRCDESCR SBR 1
SO LOCATION S5 AREA 821389.0 816695.5 0
** SRCDESCR SBR 2
SO LOCATION S6 AREA 821391.6 816688.0 0
** SRCDESCR SBR 3
SO LOCATION S7 AREA 821394.0 816680.5 0
** SRCDESCR SBR 4
SO LOCATION S2 AREAPOLY 821397.7 816718.4 0
** SRCDESCR Grit Chamber
SO LOCATION S1 AREAPOLY 821398.5 816718.7 0
** SRCDESCR Inlet Works
SO LOCATION S8 AREAPOLY 821402.7 816715.5 0
** SRCDESCR Sludge Thickener
SO LOCATION S9 AREA 821407.7 816698.0 0
** SRCDESCR Sludge Digester
SO LOCATION S10 POINT 821393.0 816730.0 0
** SRCDESCR Vent of Deodourizer
SO LOCATION S7a AREA 821396.4 816673.0 0
** SRCDESCR SBR 5 (Future)
SO SRCPARAM P1 2.090000E+01 3 303 1.16 0.677
SO SRCPARAM S3 8.434000E-01 0.5 13.2 15.9 -18.6 0
SO SRCPARAM S4 8.434000E-01 0.5 15.8 7.1 -18.1 0
SO SRCPARAM S5 8.434000E-01 0.5 15.8 7.2 -18.1 0
SO SRCPARAM S6 8.434000E-01 0.5 15.7 7.1 -18.2 0
SO SRCPARAM S7 8.434000E-01 0.5 15.8 7.1 -18.1 0
SO SRCPARAM S2 8.434000E-01 0.5 17 0
SO AREAVERT S2 821397.7 816718.4 821397.5 816718.3 821397.4 816718.0
SO AREAVERT S2 821397.3 816717.7 821397.3 816717.3 821397.5 816717.0
SO AREAVERT S2 821397.8 816716.7 821398.2 816716.5 821398.7 816716.6
SO AREAVERT S2 821399.1 816716.8 821399.3 816717.1 821399.4 816717.6
SO AREAVERT S2 821399.4 816717.9 821399.2 816718.3 821398.9 816718.5
SO AREAVERT S2 821398.6 816718.7 821398.2 816718.7
SO SRCPARAM S1 8.434000E-01 0.5 15 0
SO AREAVERT S1 821398.5 816718.7 821398.1 816719.7 821399.8 816720.2
SO AREAVERT S1 821400.0 816719.6 821405.2 816721.3 821405.4 816721.5
SO AREAVERT S1 821406.7 816723.0 821406.6 816723.4 821403.7 816722.5
SO AREAVERT S1 821403.9 816721.9 821400.6 816720.9 821400.5 816721.2
SO AREAVERT S1 821397.1 816720.1 821397.7 816718.5 821398.1 816718.7
SO SRCPARAM S8 8.434000E-01 0.5 15 0
SO AREAVERT S8 821402.7 816715.5 821403.7 816716.4 821404.9 816716.5
SO AREAVERT S8 821406.1 816716.2 821406.8 816715.6 821407.3 816714.6
SO AREAVERT S8 821407.3 816713.8 821406.9 816712.5 821406.0 816711.8
SO AREAVERT S8 821405.3 816711.6 821404.4 816711.5 821403.5 816711.9
SO AREAVERT S8 821402.8 816712.5 821402.3 816713.3 821402.3 816714.7
SO SRCPARAM S9 8.434000E-01 0.5 8.6 6.7 -18.2 0
SO SRCPARAM S10 5.100000E-01 4 303 1.18 0.3
SO SRCPARAM S7a 8.434000E-01 0.5 15.8 7.1 -18.1 0
SO EMISFACT P1 STAR 22.3 22.3 22.3 22.3 22.3 22.3 22.3 22.3 22.3 22.3
SO EMISFACT P1 STAR 22.3 22.3 22.3 22.3 8.5 8.5 8.5 8.5 8.5 8.5 6.9
SO EMISFACT P1 STAR 6.9 6.9 6.9 6.9 6.9 6.55 6.55 6.55 6.55
SO EMISFACT P1 STAR 6.55 6.55 6.55 6.55 6.55 6.55 6.55 6.55
SO EMISFACT S3 STAR 22.3 22.3 22.3 22.3 22.3 22.3 22.3 22.3 22.3 22.3
SO EMISFACT S3 STAR 22.3 22.3 22.3 8.5 8.5 8.5 8.5 8.5 8.5 6.9
SO EMISFACT S3 STAR 6.9 6.9 6.9 6.9 6.9 6.55 6.55 6.55 6.55
SO EMISFACT S3 STAR 6.55 6.55 6.55 6.55 6.55 6.55 6.55 6.55 6.55
SO EMISFACT S4 STAR 22.3 22.3 22.3 22.3 22.3 22.3 22.3 22.3 22.3
```

SO EMISFACT	S4	STAR	22.3	22.3	22.3	8.5	8.5	8.5	8.5	8.5	8.5	6.9
SO EMISFACT	S4	STAR	6.9	6.9	6.9	6.9	6.9	6.55	6.55	6.55	6.55	6.55
SO EMISFACT	S4	STAR	6.55	6.55	6.55	6.55	6.55	6.55	6.55	6.55	6.55	6.55
SO EMISFACT	S5	STAR	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3
SO EMISFACT	S5	STAR	22.3	22.3	22.3	8.5	8.5	8.5	8.5	8.5	8.5	6.9
SO EMISFACT	S5	STAR	6.9	6.9	6.9	6.9	6.9	6.55	6.55	6.55	6.55	6.55
SO EMISFACT	S5	STAR	6.55	6.55	6.55	6.55	6.55	6.55	6.55	6.55	6.55	6.55
SO EMISFACT	S6	STAR	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3
SO EMISFACT	S6	STAR	22.3	22.3	22.3	8.5	8.5	8.5	8.5	8.5	8.5	6.9
SO EMISFACT	S6	STAR	6.9	6.9	6.9	6.9	6.9	6.55	6.55	6.55	6.55	6.55
SO EMISFACT	S6	STAR	6.55	6.55	6.55	6.55	6.55	6.55	6.55	6.55	6.55	6.55
SO EMISFACT	S7	STAR	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3
SO EMISFACT	S7	STAR	22.3	22.3	22.3	8.5	8.5	8.5	8.5	8.5	8.5	6.9
SO EMISFACT	S7	STAR	6.9	6.9	6.9	6.9	6.9	6.55	6.55	6.55	6.55	6.55
SO EMISFACT	S7	STAR	6.55	6.55	6.55	6.55	6.55	6.55	6.55	6.55	6.55	6.55
SO EMISFACT	S2	STAR	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3
SO EMISFACT	S2	STAR	22.3	22.3	22.3	8.5	8.5	8.5	8.5	8.5	8.5	6.9
SO EMISFACT	S2	STAR	6.9	6.9	6.9	6.9	6.9	6.55	6.55	6.55	6.55	6.55
SO EMISFACT	S2	STAR	6.55	6.55	6.55	6.55	6.55	6.55	6.55	6.55	6.55	6.55
SO EMISFACT	S1	STAR	22.3	22.3	22.3	8.5	8.5	8.5	8.5	8.5	8.5	6.9
SO EMISFACT	S1	STAR	6.9	6.9	6.9	6.9	6.9	6.55	6.55	6.55	6.55	6.55
SO EMISFACT	S1	STAR	6.55	6.55	6.55	6.55	6.55	6.55	6.55	6.55	6.55	6.55
SO EMISFACT	S8	STAR	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3
SO EMISFACT	S8	STAR	22.3	22.3	22.3	8.5	8.5	8.5	8.5	8.5	8.5	6.9
SO EMISFACT	S8	STAR	6.9	6.9	6.9	6.9	6.9	6.55	6.55	6.55	6.55	6.55
SO EMISFACT	S8	STAR	6.55	6.55	6.55	6.55	6.55	6.55	6.55	6.55	6.55	6.55
SO EMISFACT	S9	STAR	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3
SO EMISFACT	S9	STAR	22.3	22.3	22.3	8.5	8.5	8.5	8.5	8.5	8.5	6.9
SO EMISFACT	S9	STAR	6.9	6.9	6.9	6.9	6.9	6.55	6.55	6.55	6.55	6.55
SO EMISFACT	S9	STAR	6.55	6.55	6.55	6.55	6.55	6.55	6.55	6.55	6.55	6.55
SO EMISFACT	S10	STAR	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3
SO EMISFACT	S10	STAR	22.3	22.3	22.3	8.5	8.5	8.5	8.5	8.5	8.5	6.9
SO EMISFACT	S10	STAR	6.9	6.9	6.9	6.9	6.9	6.55	6.55	6.55	6.55	6.55
SO EMISFACT	S10	STAR	6.55	6.55	6.55	6.55	6.55	6.55	6.55	6.55	6.55	6.55
SO EMISFACT	S7a	STAR	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3
SO EMISFACT	S7a	STAR	22.3	22.3	22.3	8.5	8.5	8.5	8.5	8.5	8.5	6.9
SO EMISFACT	S7a	STAR	6.9	6.9	6.9	6.9	6.9	6.55	6.55	6.55	6.55	6.55
SO EMISFACT	S7a	STAR	6.55	6.55	6.55	6.55	6.55	6.55	6.55	6.55	6.55	6.55
SO EMISUNIT	1	OU/SEC	OU									
SO SRCGROUP	ALL											
SO FINISHED												
RE STARTING												
RE GRIDCART	GRD1	STA	0									
RE GRIDCART	GRD1	XYINC	821150.0	19	50.0	816950.0	15	-50.0				
RE GRIDCART	GRD1	FLAG	1	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
RE GRIDCART	GRD1	FLAG	1	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
RE GRIDCART	GRD1	FLAG	2	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
RE GRIDCART	GRD1	FLAG	2	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
RE GRIDCART	GRD1	FLAG	3	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
RE GRIDCART	GRD1	FLAG	3	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
RE GRIDCART	GRD1	FLAG	4	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
RE GRIDCART	GRD1	FLAG	4	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
RE GRIDCART	GRD1	FLAG	5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
RE GRIDCART	GRD1	FLAG	5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
RE GRIDCART	GRD1	FLAG	6	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
RE GRIDCART	GRD1	FLAG	6	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
RE GRIDCART	GRD1	FLAG	7	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
RE GRIDCART	GRD1	FLAG	7	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
RE GRIDCART	GRD1	FLAG	8	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
RE GRIDCART	GRD1	FLAG	8	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
RE GRIDCART	GRD1	FLAG	9	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
RE GRIDCART	GRD1	FLAG	9	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
RE GRIDCART	GRD1	FLAG	10	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
RE GRIDCART	GRD1	FLAG	10	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
RE GRIDCART	GRD1	FLAG	11	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
RE GRIDCART	GRD1	FLAG	11	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
RE GRIDCART	GRD1	FLAG	12	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
RE GRIDCART	GRD1	FLAG	12	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
RE GRIDCART	GRD1	FLAG	13	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
RE GRIDCART	GRD1	FLAG	13	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
RE GRIDCART	GRD1	FLAG	14	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
RE GRIDCART	GRD1	FLAG	14	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
RE GRIDCART	GRD1	FLAG	15	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
RE GRIDCART	GRD1	FLAG	15	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5
RE GRIDCART	GRD1	END										
RE DISCCART	821478.0	816737.0	1.5									
** RCPDESCR	Peng Chau	Refuse Transfer Station (ASR1)										
RE DISCCART	821682.0	816681.0	1.5									
** RCPDESCR	Sea Crest	Villa D (ASR2)										
RE DISCCART	821698.0	816678.0	1.5									
** RCPDESCR	Sea Crest	Villa C (ASR3)										
RE DISCCART	821710.0	816667.0	1.5									
** RCPDESCR	Sea Crest	Villa B (ASR4)										
RE DISCCART	821696.0	816643.0	1.5									
** RCPDESCR	Sea Crest	Villa A (ASR5)										
RE DISCCART	821848.0	816577.0	1.5									
** RCPDESCR	Temporary	Structure (ASR6)										

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RE DISCCART 821828.0 816477.0 1.5
** RCPDESCR Kam Peng Estate (ASR7)
RE DISCCART 821799.0 816394.0 1.5
** RCPDESCR Peng Lai Court (ASR8)
RE DISCCART 821909.0 816700.0 1.5
** RCPDESCR Area for Future Educational Use (ASR9)
RE DISCCART 821821.0 816625.0 1.5
** RCPDESCR Area for Future Residential Use (ASR10)
RE DISCCART 821727.0 816572.0 1.5
** RCPDESCR Newly Reclaimed Land (ASR11)
RE FINISHED

ME STARTING
ME INPUTFIL "C:\PROGRAM FILES\BREEZE\ISC\PCEIA-F (JUNE)\METEO_DATA.ASC"
ME ANEMHGHT 95 METERS
ME SURFDATA 00001 2001
ME UAIRDATA 00002 2001
ME STARTEND 2001 01 01 1 2001 12 31 24
ME FINISHED

OU STARTING
OU RECTABLE 1 FIRST
OU FINISHED

** PROJECTN 0 104 7 -177 0 0.9996 500000 0
** DXF2 "C:\PROGRAM FILES\BREEZE\ISC\PCEIA-F (JUNE)\DUST.DXF" 1 0 0 0 0 0
** OUTFILE "C:\PROGRAM FILES\BREEZE\ISC\PCEIA-F (aug)\ODOUR\ODOUR.LST"
** RAWFILE "C:\PROGRAM FILES\BREEZE\ISC\PCEIA-F (aug)\ODOUR\ODOUR.RAW"
** RAWFMT 2
** PERCENT
** HILLBOUN 0 0 0 0

** POLLUTNT IDN 01 ODOUR X
** POLLUTNT NAM 01 Odour
** POLLUTNT EMS P1 2.090000E+01
** POLLUTNT EMS S3 8.434000E-01
** POLLUTNT EMS S4 8.434000E-01
** POLLUTNT EMS S5 8.434000E-01
** POLLUTNT EMS S6 8.434000E-01
** POLLUTNT EMS S7 8.434000E-01
** POLLUTNT EMS S2 8.434000E-01
** POLLUTNT EMS S1 8.434000E-01
** POLLUTNT EMS S8 8.434000E-01
** POLLUTNT EMS S9 8.434000E-01
** POLLUTNT EMS S10 5.100000E-01
** POLLUTNT EMS S7a 8.434000E-01
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*****
*** SETUP Finishes Successfully ***
*****
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1 *** ISCST3 - VERSION 02035 *** *** Peng Chau STW Upgrade
*** 07/29/04 *** Unmitigated Odour Impact Assessment (1.5m)

*** 09:53:29
**MODELOPTs:
PAGE 1
CONC RURAL FLAT FLGPOL DFAULT
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*** MODEL SETUP OPTIONS SUMMARY ***
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**Intermediate Terrain Processing is Selected

**Model Is Setup For Calculation of Average CONCentration Values.

-- SCAVENGING/DEPOSITION LOGIC --
**Model Uses NO DRY DEPLETION. DDPLETE = F
**Model Uses NO WET DEPLETION. WDPLETE = F
**NO WET SCAVENGING Data Provided.
**NO GAS DRY DEPOSITION Data Provided.
**Model Does NOT Use GRIDDED TERRAIN Data for Depletion Calculations

**Model Uses RURAL Dispersion.

**Model Uses Regulatory DEFAULT Options:
1. Final Plume Rise.
2. Stack-tip Downwash.
3. Buoyancy-induced Dispersion.
4. Use Calms Processing Routine.
5. Not Use Missing Data Processing Routine.
6. Default Wind Profile Exponents.
7. Default Vertical Potential Temperature Gradients.
8. "Upper Bound" Values for Supersquat Buildings.
9. No Exponential Decay for RURAL Mode

**Model Assumes Receptors on FLAT Terrain.
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**Model Accepts FLAGPOLE Receptor Heights.
**Model Calculates 1 Short Term Average(s) of: 1-HR
**This Run Includes: 12 Source(s); 1 Source Group(s); and 296 Receptor(s)
**The Model Assumes A Pollutant Type of: ODOUR
**Model Set To Continue RUNNING After the Setup Testing.
**Output Options Selected:
    Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE Keyword)
**NOTE: The Following Flags May Appear Following CONC Values:  c for Calm Hours
                                                             m for Missing Hours
                                                             b for Both Calm and Missing Hours
**Misc. Inputs: Anem. Hgt. (m) = 95.00 ; Decay Coef. = 0.0000 ; Rot. Angle = 0.0
                Emission Units = OU/SEC ; Emission Rate Unit Factor =
1.0000
                Output Units = OU
**Approximate Storage Requirements of Model = 1.2 MB of RAM.
**Input Runstream File: C:\PROGRAM FILES\BREEZE\ISC\PCEIA-F (AUG)\ODOUR\ODOUR.DAT
**Output Print File: C:\PROGRAM FILES\BREEZE\ISC\PCEIA-F (AUG)\ODOUR\ODOUR.LST
1 *** ISCST3 - VERSION 02035 *** *** Peng Chau STW Upgrade
*** 07/29/04 ***
*** 09:53:29 *** Unmitigated Odour Impact Assessment (1.5m)
**MODELOPTs:
PAGE 2
CONC RURAL FLAT FLGPOL DFAULT
    
```

*** POINT SOURCE DATA ***

EMISSION RATE	NUMBER	EMISSION RATE	BASE	STACK	STACK	STACK	STACK	BUILDING		
SOURCE	PART.	(USER UNITS)	X	Y	ELEV.	HEIGHT	TEMP.	EXIT VEL.	DIAMETER	EXISTS
SCALAR VARY	ID	CATS.	(METERS)	(METERS)	(METERS)	(METERS)	(DEG.K)	(M/SEC)	(METERS)	
P1	0	0.20900E+02	821781.1	816426.0	0.0	3.00	303.00	1.16	0.68	NO
STAR										
S10	0	0.51000E+00	821393.0	816730.0	0.0	4.00	303.00	1.18	0.30	NO
STAR										
1 *** ISCST3 - VERSION 02035 *** *** Peng Chau STW Upgrade										
*** 07/29/04 ***										
*** 09:53:29 *** Unmitigated Odour Impact Assessment (1.5m)										
**MODELOPTs:										
PAGE 3										
CONC RURAL FLAT FLGPOL DFAULT										

*** AREA SOURCE DATA ***

INIT.	EMISSION RATE	NUMBER	EMISSION RATE	COORD (SW CORNER)	BASE	RELEASE	X-DIM	Y-DIM	ORIENT.	
SOURCE	PART.	(USER UNITS	X	Y	ELEV.	HEIGHT	OF AREA	OF AREA	OF AREA	SZ
SCALAR VARY	ID	CATS.	/METER**2)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(DEG.)	
S3	0	0.84340E+00	821382.8	816710.9	0.0	0.50	13.20	15.90	-18.60	
0.00	STAR									
S4	0	0.84340E+00	821386.6	816703.0	0.0	0.50	15.80	7.10	-18.10	
0.00	STAR									
S5	0	0.84340E+00	821389.0	816695.5	0.0	0.50	15.80	7.20	-18.10	
0.00	STAR									
S6	0	0.84340E+00	821391.6	816688.0	0.0	0.50	15.70	7.10	-18.20	
0.00	STAR									
S7	0	0.84340E+00	821394.0	816680.5	0.0	0.50	15.80	7.10	-18.10	
0.00	STAR									
S9	0	0.84340E+00	821407.7	816698.0	0.0	0.50	8.60	6.70	-18.20	
0.00	STAR									
S7A	0	0.84340E+00	821396.4	816673.0	0.0	0.50	15.80	7.10	-18.10	
0.00	STAR									
1 *** ISCST3 - VERSION 02035 *** *** Peng Chau STW Upgrade										

*** 07/29/04

*** Unmitigated Odour Impact Assessment (1.5m)

*** 09:53:29

**MODELOPTs:

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RURAL FLAT FLGPOL DFAULT

*** AREAPOLY SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (USER UNITS /METER**2)	LOCATION OF AREA X (METERS)	LOCATION OF AREA Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	NUMBER OF VERTS.	INIT. SZ (METERS)	EMISSION RATE SCALAR VARY BY
S2	0	0.84340E+00	821397.7	816718.4	0.0	0.50	17	0.00	STAR
S1	0	0.84340E+00	821398.5	816718.7	0.0	0.50	15	0.00	STAR
S8	0	0.84340E+00	821402.7	816715.5	0.0	0.50	15	0.00	STAR

1 *** ISCST3 - VERSION 02035 *** Peng Chau STW Upgrade

*** 07/29/04

*** Unmitigated Odour Impact Assessment (1.5m)

*** 09:53:29

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RURAL FLAT FLGPOL DFAULT

*** SOURCE IDs DEFINING SOURCE GROUPS ***

GROUP ID SOURCE IDs

ALL P1, S3, S4, S5, S6, S7, S2, S1, S8, S9, S10, S7A

1 *** ISCST3 - VERSION 02035 *** Peng Chau STW Upgrade

*** 07/29/04

*** Unmitigated Odour Impact Assessment (1.5m)

*** 09:53:29

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RURAL FLAT FLGPOL DFAULT

* SOURCE EMISSION RATE SCALARS WHICH VARY WITH STABILITY AND WIND SPEED (STAR) *

SOURCE ID = P1 ; SOURCE TYPE = POINT :

	WIND SPEED CATEGORY 1	WIND SPEED CATEGORY 2	WIND SPEED CATEGORY 3	WIND SPEED CATEGORY 4	WIND SPEED CATEGORY 5	WIND SPEED CATEGORY 6
STABILITY CATEGORY A	0.22300E+02	0.22300E+02	0.22300E+02	0.22300E+02	0.22300E+02	0.22300E+02
STABILITY CATEGORY B	0.22300E+02	0.22300E+02	0.22300E+02	0.22300E+02	0.22300E+02	0.22300E+02
STABILITY CATEGORY C	0.85000E+01	0.85000E+01	0.85000E+01	0.85000E+01	0.85000E+01	0.85000E+01
STABILITY CATEGORY D	0.69000E+01	0.69000E+01	0.69000E+01	0.69000E+01	0.69000E+01	0.69000E+01
STABILITY CATEGORY E	0.65500E+01	0.65500E+01	0.65500E+01	0.65500E+01	0.65500E+01	0.65500E+01
STABILITY CATEGORY F	0.65500E+01	0.65500E+01	0.65500E+01	0.65500E+01	0.65500E+01	0.65500E+01

SOURCE ID = S3 ; SOURCE TYPE = AREA :

	WIND SPEED CATEGORY 1	WIND SPEED CATEGORY 2	WIND SPEED CATEGORY 3	WIND SPEED CATEGORY 4	WIND SPEED CATEGORY 5	WIND SPEED CATEGORY 6
STABILITY CATEGORY A	0.22300E+02	0.22300E+02	0.22300E+02	0.22300E+02	0.22300E+02	0.22300E+02
STABILITY CATEGORY B	0.22300E+02	0.22300E+02	0.22300E+02	0.22300E+02	0.22300E+02	0.22300E+02
STABILITY CATEGORY C	0.85000E+01	0.85000E+01	0.85000E+01	0.85000E+01	0.85000E+01	0.85000E+01
STABILITY CATEGORY D	0.69000E+01	0.69000E+01	0.69000E+01	0.69000E+01	0.69000E+01	0.69000E+01
STABILITY CATEGORY E	0.65500E+01	0.65500E+01	0.65500E+01	0.65500E+01	0.65500E+01	0.65500E+01
STABILITY CATEGORY F	0.65500E+01	0.65500E+01	0.65500E+01	0.65500E+01	0.65500E+01	0.65500E+01

SOURCE ID = S4 ; SOURCE TYPE = AREA :

	WIND SPEED CATEGORY 1	WIND SPEED CATEGORY 2	WIND SPEED CATEGORY 3	WIND SPEED CATEGORY 4	WIND SPEED CATEGORY 5	WIND SPEED CATEGORY 6
STABILITY CATEGORY A	0.22300E+02	0.22300E+02	0.22300E+02	0.22300E+02	0.22300E+02	0.22300E+02
STABILITY CATEGORY B	0.22300E+02	0.22300E+02	0.22300E+02	0.22300E+02	0.22300E+02	0.22300E+02
STABILITY CATEGORY C	0.85000E+01	0.85000E+01	0.85000E+01	0.85000E+01	0.85000E+01	0.85000E+01
STABILITY CATEGORY D	0.69000E+01	0.69000E+01	0.69000E+01	0.69000E+01	0.69000E+01	0.69000E+01
STABILITY CATEGORY E	0.65500E+01	0.65500E+01	0.65500E+01	0.65500E+01	0.65500E+01	0.65500E+01
STABILITY CATEGORY F	0.65500E+01	0.65500E+01	0.65500E+01	0.65500E+01	0.65500E+01	0.65500E+01

1 *** ISCST3 - VERSION 02035 *** Peng Chau STW Upgrade

*** 07/29/04

*** Unmitigated Odour Impact Assessment (1.5m)

*** 09:53:29

**MODELOPTs:

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RURAL FLAT FLGPOL DFAULT

* SOURCE EMISSION RATE SCALARS WHICH VARY WITH STABILITY AND WIND SPEED (STAR) *

SOURCE ID = S5 ; SOURCE TYPE = AREA :

	WIND SPEED	WIND SPEED	WIND SPEED	WIND SPEED	WIND SPEED	WIND SPEED
	CATEGORY 1	CATEGORY 2	CATEGORY 3	CATEGORY 4	CATEGORY 5	CATEGORY 6
STABILITY CATEGORY A	0.22300E+02	0.22300E+02	0.22300E+02	0.22300E+02	0.22300E+02	0.22300E+02
STABILITY CATEGORY B	0.22300E+02	0.22300E+02	0.22300E+02	0.22300E+02	0.22300E+02	0.22300E+02
STABILITY CATEGORY C	0.85000E+01	0.85000E+01	0.85000E+01	0.85000E+01	0.85000E+01	0.85000E+01
STABILITY CATEGORY D	0.69000E+01	0.69000E+01	0.69000E+01	0.69000E+01	0.69000E+01	0.69000E+01
STABILITY CATEGORY E	0.65500E+01	0.65500E+01	0.65500E+01	0.65500E+01	0.65500E+01	0.65500E+01
STABILITY CATEGORY F	0.65500E+01	0.65500E+01	0.65500E+01	0.65500E+01	0.65500E+01	0.65500E+01

SOURCE ID = S6 ; SOURCE TYPE = AREA :

	WIND SPEED	WIND SPEED	WIND SPEED	WIND SPEED	WIND SPEED	WIND SPEED
	CATEGORY 1	CATEGORY 2	CATEGORY 3	CATEGORY 4	CATEGORY 5	CATEGORY 6
STABILITY CATEGORY A	0.22300E+02	0.22300E+02	0.22300E+02	0.22300E+02	0.22300E+02	0.22300E+02
STABILITY CATEGORY B	0.22300E+02	0.22300E+02	0.22300E+02	0.22300E+02	0.22300E+02	0.22300E+02
STABILITY CATEGORY C	0.85000E+01	0.85000E+01	0.85000E+01	0.85000E+01	0.85000E+01	0.85000E+01
STABILITY CATEGORY D	0.69000E+01	0.69000E+01	0.69000E+01	0.69000E+01	0.69000E+01	0.69000E+01
STABILITY CATEGORY E	0.65500E+01	0.65500E+01	0.65500E+01	0.65500E+01	0.65500E+01	0.65500E+01
STABILITY CATEGORY F	0.65500E+01	0.65500E+01	0.65500E+01	0.65500E+01	0.65500E+01	0.65500E+01

SOURCE ID = S7 ; SOURCE TYPE = AREA :

	WIND SPEED	WIND SPEED	WIND SPEED	WIND SPEED	WIND SPEED	WIND SPEED
	CATEGORY 1	CATEGORY 2	CATEGORY 3	CATEGORY 4	CATEGORY 5	CATEGORY 6
STABILITY CATEGORY A	0.22300E+02	0.22300E+02	0.22300E+02	0.22300E+02	0.22300E+02	0.22300E+02
STABILITY CATEGORY B	0.22300E+02	0.22300E+02	0.22300E+02	0.22300E+02	0.22300E+02	0.22300E+02
STABILITY CATEGORY C	0.85000E+01	0.85000E+01	0.85000E+01	0.85000E+01	0.85000E+01	0.85000E+01
STABILITY CATEGORY D	0.69000E+01	0.69000E+01	0.69000E+01	0.69000E+01	0.69000E+01	0.69000E+01
STABILITY CATEGORY E	0.65500E+01	0.65500E+01	0.65500E+01	0.65500E+01	0.65500E+01	0.65500E+01
STABILITY CATEGORY F	0.65500E+01	0.65500E+01	0.65500E+01	0.65500E+01	0.65500E+01	0.65500E+01

1 *** ISCST3 - VERSION 02035 *** Peng Chau STW Upgrade
*** 07/29/04

*** Unmitigated Odour Impact Assessment (1.5m)

*** 09:53:29

**MODELOPTs:

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RURAL FLAT FLGPOL DFAULT

* SOURCE EMISSION RATE SCALARS WHICH VARY WITH STABILITY AND WIND SPEED (STAR) *

SOURCE ID = S2 ; SOURCE TYPE = AREAPOLY :

	WIND SPEED	WIND SPEED	WIND SPEED	WIND SPEED	WIND SPEED	WIND SPEED
	CATEGORY 1	CATEGORY 2	CATEGORY 3	CATEGORY 4	CATEGORY 5	CATEGORY 6
STABILITY CATEGORY A	0.22300E+02	0.22300E+02	0.22300E+02	0.22300E+02	0.22300E+02	0.22300E+02
STABILITY CATEGORY B	0.22300E+02	0.22300E+02	0.22300E+02	0.22300E+02	0.22300E+02	0.22300E+02
STABILITY CATEGORY C	0.85000E+01	0.85000E+01	0.85000E+01	0.85000E+01	0.85000E+01	0.85000E+01
STABILITY CATEGORY D	0.69000E+01	0.69000E+01	0.69000E+01	0.69000E+01	0.69000E+01	0.69000E+01
STABILITY CATEGORY E	0.65500E+01	0.65500E+01	0.65500E+01	0.65500E+01	0.65500E+01	0.65500E+01
STABILITY CATEGORY F	0.65500E+01	0.65500E+01	0.65500E+01	0.65500E+01	0.65500E+01	0.65500E+01

SOURCE ID = S1 ; SOURCE TYPE = AREAPOLY :

	WIND SPEED	WIND SPEED	WIND SPEED	WIND SPEED	WIND SPEED	WIND SPEED
	CATEGORY 1	CATEGORY 2	CATEGORY 3	CATEGORY 4	CATEGORY 5	CATEGORY 6
STABILITY CATEGORY A	0.22300E+02	0.22300E+02	0.22300E+02	0.22300E+02	0.22300E+02	0.22300E+02
STABILITY CATEGORY B	0.22300E+02	0.22300E+02	0.22300E+02	0.22300E+02	0.22300E+02	0.22300E+02
STABILITY CATEGORY C	0.85000E+01	0.85000E+01	0.85000E+01	0.85000E+01	0.85000E+01	0.85000E+01
STABILITY CATEGORY D	0.69000E+01	0.69000E+01	0.69000E+01	0.69000E+01	0.69000E+01	0.69000E+01
STABILITY CATEGORY E	0.65500E+01	0.65500E+01	0.65500E+01	0.65500E+01	0.65500E+01	0.65500E+01
STABILITY CATEGORY F	0.65500E+01	0.65500E+01	0.65500E+01	0.65500E+01	0.65500E+01	0.65500E+01

SOURCE ID = S8 ; SOURCE TYPE = AREAPOLY :

	WIND SPEED	WIND SPEED	WIND SPEED	WIND SPEED	WIND SPEED	WIND SPEED
	CATEGORY 1	CATEGORY 2	CATEGORY 3	CATEGORY 4	CATEGORY 5	CATEGORY 6
STABILITY CATEGORY A	0.22300E+02	0.22300E+02	0.22300E+02	0.22300E+02	0.22300E+02	0.22300E+02
STABILITY CATEGORY B	0.22300E+02	0.22300E+02	0.22300E+02	0.22300E+02	0.22300E+02	0.22300E+02
STABILITY CATEGORY C	0.85000E+01	0.85000E+01	0.85000E+01	0.85000E+01	0.85000E+01	0.85000E+01
STABILITY CATEGORY D	0.69000E+01	0.69000E+01	0.69000E+01	0.69000E+01	0.69000E+01	0.69000E+01
STABILITY CATEGORY E	0.65500E+01	0.65500E+01	0.65500E+01	0.65500E+01	0.65500E+01	0.65500E+01

STABILITY CATEGORY F 0.65500E+01 0.65500E+01 0.65500E+01 0.65500E+01 0.65500E+01 0.65500E+01
 1 *** ISCS T3 - VERSION 02035 *** *** Peng Chau STW Upgrade
 *** 07/29/04

*** Unmitigated Odour Impact Assessment (1.5m)
 *** 09:53:29

**MODELOPTs:

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CONC RURAL FLAT FLGPOL DFAULT

* SOURCE EMISSION RATE SCALARS WHICH VARY WITH STABILITY AND WIND SPEED (STAR) *

SOURCE ID = S9 ; SOURCE TYPE = AREA :

	WIND SPEED CATEGORY 1	WIND SPEED CATEGORY 2	WIND SPEED CATEGORY 3	WIND SPEED CATEGORY 4	WIND SPEED CATEGORY 5	WIND SPEED CATEGORY 6
STABILITY CATEGORY A	0.22300E+02	0.22300E+02	0.22300E+02	0.22300E+02	0.22300E+02	0.22300E+02
STABILITY CATEGORY B	0.22300E+02	0.22300E+02	0.22300E+02	0.22300E+02	0.22300E+02	0.22300E+02
STABILITY CATEGORY C	0.85000E+01	0.85000E+01	0.85000E+01	0.85000E+01	0.85000E+01	0.85000E+01
STABILITY CATEGORY D	0.69000E+01	0.69000E+01	0.69000E+01	0.69000E+01	0.69000E+01	0.69000E+01
STABILITY CATEGORY E	0.65500E+01	0.65500E+01	0.65500E+01	0.65500E+01	0.65500E+01	0.65500E+01
STABILITY CATEGORY F	0.65500E+01	0.65500E+01	0.65500E+01	0.65500E+01	0.65500E+01	0.65500E+01

SOURCE ID = S10 ; SOURCE TYPE = POINT :

	WIND SPEED CATEGORY 1	WIND SPEED CATEGORY 2	WIND SPEED CATEGORY 3	WIND SPEED CATEGORY 4	WIND SPEED CATEGORY 5	WIND SPEED CATEGORY 6
STABILITY CATEGORY A	0.22300E+02	0.22300E+02	0.22300E+02	0.22300E+02	0.22300E+02	0.22300E+02
STABILITY CATEGORY B	0.22300E+02	0.22300E+02	0.22300E+02	0.22300E+02	0.22300E+02	0.22300E+02
STABILITY CATEGORY C	0.85000E+01	0.85000E+01	0.85000E+01	0.85000E+01	0.85000E+01	0.85000E+01
STABILITY CATEGORY D	0.69000E+01	0.69000E+01	0.69000E+01	0.69000E+01	0.69000E+01	0.69000E+01
STABILITY CATEGORY E	0.65500E+01	0.65500E+01	0.65500E+01	0.65500E+01	0.65500E+01	0.65500E+01
STABILITY CATEGORY F	0.65500E+01	0.65500E+01	0.65500E+01	0.65500E+01	0.65500E+01	0.65500E+01

SOURCE ID = S7A ; SOURCE TYPE = AREA :

	WIND SPEED CATEGORY 1	WIND SPEED CATEGORY 2	WIND SPEED CATEGORY 3	WIND SPEED CATEGORY 4	WIND SPEED CATEGORY 5	WIND SPEED CATEGORY 6
STABILITY CATEGORY A	0.22300E+02	0.22300E+02	0.22300E+02	0.22300E+02	0.22300E+02	0.22300E+02
STABILITY CATEGORY B	0.22300E+02	0.22300E+02	0.22300E+02	0.22300E+02	0.22300E+02	0.22300E+02
STABILITY CATEGORY C	0.85000E+01	0.85000E+01	0.85000E+01	0.85000E+01	0.85000E+01	0.85000E+01
STABILITY CATEGORY D	0.69000E+01	0.69000E+01	0.69000E+01	0.69000E+01	0.69000E+01	0.69000E+01
STABILITY CATEGORY E	0.65500E+01	0.65500E+01	0.65500E+01	0.65500E+01	0.65500E+01	0.65500E+01
STABILITY CATEGORY F	0.65500E+01	0.65500E+01	0.65500E+01	0.65500E+01	0.65500E+01	0.65500E+01

1 *** ISCS T3 - VERSION 02035 *** *** Peng Chau STW Upgrade
 *** 07/29/04

*** Unmitigated Odour Impact Assessment (1.5m)
 *** 09:53:29

**MODELOPTs:

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CONC RURAL FLAT FLGPOL DFAULT

*** GRIDDED RECEPTOR NETWORK SUMMARY ***

*** NETWORK ID: GRD1 ; NETWORK TYPE: GRIDCART ***

*** X-COORDINATES OF GRID ***
 (METERS)

821150.0, 821200.0, 821250.0, 821300.0, 821350.0, 821400.0, 821450.0, 821500.0, 821550.0,
 821600.0,
 821650.0, 821700.0, 821750.0, 821800.0, 821850.0, 821900.0, 821950.0, 822000.0, 822050.0,

*** Y-COORDINATES OF GRID ***
 (METERS)

816950.0, 816900.0, 816850.0, 816800.0, 816750.0, 816700.0, 816650.0, 816600.0, 816550.0,
 816500.0,
 816450.0, 816400.0, 816350.0, 816300.0, 816250.0,

1 *** ISCS T3 - VERSION 02035 *** *** Peng Chau STW Upgrade
 *** 07/29/04

*** Unmitigated Odour Impact Assessment (1.5m)
 *** 09:53:29

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CONC RURAL FLAT FLGPOL DFAULT

*** NETWORK ID: GRD1 ; NETWORK TYPE: GRIDCART ***

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD (METERS)	X-COORD (METERS)						
	821150.00	821200.00	821250.00	821300.00	821350.00	821400.00	821450.00

821500.00	821550.00							
816250.00		1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50							
816300.00		1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50							
816350.00		1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50							
816400.00		1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50							
816450.00		1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50							
816500.00		1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50							
816550.00		1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50							
816600.00		1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50							
816650.00		1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50							
816700.00		1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50							
816750.00		1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50							
816800.00		1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50							
816850.00		1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50							
816900.00		1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50							
816950.00		1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50							
1	***	ISCST3	-	VERSION	02035	***	***	Peng Chau STW Upgrade
***		07/29/04						
***		09:53:29						*** Unmitigated Odour Impact Assessment (1.5m)
**	MODELOPTs:							
PAGE	12							
CONC		RURAL FLAT	FLGPOL	DFAULT				

*** NETWORK ID: GRD1 ; NETWORK TYPE: GRIDCART ***

* RECEPTOR FLAGPOLE HEIGHTS IN METERS *

Y-COORD (METERS)		821600.00	821650.00	821700.00	821750.00	821800.00	821850.00	821900.00
821950.00	822000.00							
816250.00		1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50							
816300.00		1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50							
816350.00		1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50							
816400.00		1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50							
816450.00		1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50							
816500.00		1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50							
816550.00		1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50							
816600.00		1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50							
816650.00		1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50							
816700.00		1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50							
816750.00		1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50							
816800.00		1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50							
816850.00		1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50							
816900.00		1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50							
816950.00		1.50	1.50	1.50	1.50	1.50	1.50	1.50
1.50	1.50							
1	***	ISCST3	-	VERSION	02035	***	***	Peng Chau STW Upgrade
***		07/29/04						
***		09:53:29						*** Unmitigated Odour Impact Assessment (1.5m)
**	MODELOPTs:							
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FLOW VECTOR IS DIRECTION TOWARD WHICH WIND IS BLOWING.
 1 *** ISCST3 - VERSION 02035 *** *** Peng Chau STW Upgrade
 *** 07/29/04
 *** Unmitigated Odour Impact Assessment (1.5m)
 *** 09:53:29
 **MODELOPTs:
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 CONC RURAL FLAT FLGPOL DFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:
 ALL *** INCLUDING SOURCE(S): P1 , S3 , S4 , S5 , S6
 , S7 , S2 , S1 , S8 , S9 , S10 , S7A ,

*** NETWORK ID: GRD1 ; NETWORK TYPE: GRIDCART ***
 ** CONC OF ODOUR IN OU **

Y-COORD (METERS)	X-COORD (METERS)	CONC	IN	OU
821150.00	821200.00	821250.00	821300.00	
816250.0 (01100103)	6.77746 (01081523)	3.09094 (01093021)	6.64063 (01093021)	6.63738
816300.0 (01100103)	2.28738 (01100103)	3.23183 (01081523)	10.21321 (01093021)	4.25073
816350.0 (01093021)	7.05858 (01081523)	4.80277 (01100103)	7.38317 (01093021)	3.11289
816400.0 (01093021)	1.97411 (01081802)	10.26165 (01081523)	5.99838 (01081523)	12.25962
816450.0 (01093021)	9.47222 (01100103)	7.02776 (01081523)	14.52829 (01081523)	16.08855
816500.0 (01081507)	10.18063 (01081802)	11.80575 (01081802)	12.41694 (01081802)	13.68283
816550.0 (01081523)	15.94440 (01100103)	13.53487 (01091520)	17.31254 (01091520)	18.31022
816600.0 (01091418)	10.87932 (01091520)	12.69823 (01082523)	17.17995 (01010703)	23.38613
816650.0 (01010703)	20.04617 (01100103)	13.74412 (01082603)	20.18798 (01012023)	23.88539
816700.0 (01010803)	11.48885 (01082523)	17.83019 (01081403)	22.26817 (01010803)	29.13713
816750.0 (01081520)	17.37587 (01100103)	17.45267 (01091521)	22.42650 (01010302)	32.96494
816800.0 (01091415)	12.49751 (01082603)	14.39248 (01081619)	23.73396 (01081619)	24.15342
816850.0 (01091918)	29.30791 (01093021)	13.63043 (01091415)	9.52997 (01041721)	25.02615
816900.0 (01091918)	12.54432 (01080507)	4.43050 (01091518)	11.48856 (01091518)	9.97870
816950.0 (01050823)	34.66867 (01010223)	14.65804 (01091518)	20.91729 (01091918)	22.21286
821350.00				

1 *** ISCST3 - VERSION 02035 *** *** Peng Chau STW Upgrade
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 **MODELOPTs:
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 CONC RURAL FLAT FLGPOL DFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:
 ALL *** INCLUDING SOURCE(S): P1 , S3 , S4 , S5 , S6
 , S7 , S2 , S1 , S8 , S9 , S10 , S7A ,

*** NETWORK ID: GRD1 ; NETWORK TYPE: GRIDCART ***
 ** CONC OF ODOUR IN OU **

Y-COORD (METERS)	X-COORD (METERS)	CONC	IN	OU
821400.00	821450.00	821500.00	821550.00	
816250.0 (01092720)	10.33781 (01082604)	3.81772 (01092619)	4.39872 (01092619)	8.72386
816300.0 (01092720)	1.74216 (01081606)	7.46798 (01092619)	2.24917 (01081806)	10.74249
816350.0 (01092720)	12.25524 (01082604)	13.34178 (01092619)	4.66549 (01092720)	4.06763
816400.0 (01020101)	4.23985 (01020101)	19.26064 (01092619)	17.21789 (01092720)	7.93196
816450.0 (01020101)	14.76893 (01082604)	17.90858 (01092619)	14.18501 (01092720)	16.76878
821600.00				

816500.0	29.43957 (01082604)	7.53703 (01092619)	18.72971 (01020101)	15.87251
(01092821)	5.16640 (01091505)			
816550.0	39.32457 (01082604)	46.05486 (01092720)	12.75991 (01020101)	11.33835
(01032519)	12.18428 (01091505)			
816600.0	53.32824 (01082604)	57.85128 (01020101)	26.54401 (01032519)	20.42808
(01053023)	14.85220 (01071007)			
816650.0	75.76526 (01092619)	47.04240 (01032519)	35.79700 (01071007)	25.09496
(01091902)	14.26336 (01020918)			
816700.0	111.63553 (01122815)	44.61772 (01122016)	29.55643 (01013022)	22.38517
(01013022)	17.84366 (01091920)			
816750.0	61.02386 (01040320)	39.92133 (01032124)	26.01651 (01042417)	20.45796
(01022319)	14.58149 (01082401)			
816800.0	47.85492 (01101718)	29.45403 (01093018)	20.25616 (01032124)	16.42277
(01061922)	12.83616 (01042417)			
816850.0	35.61052 (01101718)	27.23738 (01091618)	16.95347 (01031721)	13.23322
(01082424)	11.56177 (01043004)			
816900.0	27.41132 (01101718)	13.33303 (01091618)	15.83635 (01093018)	13.50163
(01091619)	8.49235 (01082424)			
816950.0	21.73878 (01101718)	16.35765 (01091413)	13.57274 (01091618)	13.66634
(01093018)	12.12126 (01091619)			

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**MODELOPTs:

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CONC

RURAL FLAT FLGPOL DFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

ALL *** INCLUDING SOURCE(S): P1 , S3 , S4 , S5 , S6
, S7 , S2 , S1 , S8 , S9 , S10 , S7A ,

*** NETWORK ID: GRD1 ; NETWORK TYPE: GRIDCART ***

** CONC OF ODOUR IN OU **

Y-COORD			X-COORD (METERS)	
(METERS)	821650.00	821700.00	821750.00	821800.00
821850.00				

816250.0	8.40674 (01020101)	1.69655 (01072407)	5.00623 (01092821)	4.72308
(01092821)	0.77925 (01022704)			
816300.0	5.83039 (01020101)	3.94077 (01092821)	6.66910 (01092821)	0.97316
(01022704)	5.22249 (01091505)			
816350.0	2.37345 (01050205)	9.39669 (01092821)	1.25350 (01022704)	7.13534
(01091505)	4.33330 (01091505)			
816400.0	12.83296 (01092821)	1.67893 (01022704)	9.52923 (01091505)	3.28160
(01091505)	2.32383 (01071007)			
816450.0	2.68982 (01091505)	11.99440 (01091505)	2.19244 (01021810)	6.69485
(01071007)	7.26780 (01071007)			
816500.0	13.41932 (01091505)	5.79603 (01071007)	10.87589 (01071007)	3.81296
(01071007)	2.45711 (01091902)			
816550.0	15.43718 (01071007)	6.91486 (01071007)	6.26565 (01091902)	9.41488
(01091902)	7.18322 (01091902)			
816600.0	14.16070 (01091902)	12.53765 (01091902)	4.91976 (01091902)	3.64730
(01091403)	5.45563 (01091901)			
816650.0	14.42346 (01091901)	13.17297 (01091901)	10.16687 (01091901)	6.71118
(01091901)	3.97089 (01091901)			
816700.0	14.86463 (01091920)	12.65827 (01091920)	10.91301 (01091920)	9.49059
(01091920)	8.31492 (01091920)			
816750.0	14.04588 (01082401)	11.95768 (01082401)	8.96114 (01082401)	5.86584
(01082222)	3.44340 (01082401)			
816800.0	12.83125 (01082323)	10.59818 (01082323)	4.57322 (01082323)	4.68729
(01082401)	6.06417 (01082401)			
816850.0	12.48286 (01061922)	6.56931 (01061922)	7.15558 (01082323)	8.55395
(01082323)	6.31070 (01082323)			
816900.0	11.00453 (01082424)	7.13087 (01061922)	9.07992 (01061922)	3.68421
(01061922)	3.35288 (01082323)			
816950.0	5.10928 (01082424)	9.63541 (01082424)	2.21418 (01061922)	6.66739
(01061922)	6.30954 (01061922)			

1 *** ISCST3 - VERSION 02035 *** Peng Chau STW Upgrade
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**MODELOPTs:

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CONC

RURAL FLAT FLGPOL DFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:

ALL *** INCLUDING SOURCE(S): P1 , S3 , S4 , S5 , S6
, S7 , S2 , S1 , S8 , S9 , S10 , S7A ,

*** NETWORK ID: GRD1 ; NETWORK TYPE: GRIDCART ***

		** CONC OF ODOUR		IN OU			
Y-COORD (METERS)				X-COORD (METERS)			
	821900.00		821950.00		822000.00		822050.00
816250.0 (01050201)	3.81574 (01091505)	4.72908 (01091505)		1.69366 (01091505)		0.57934	
816300.0 (01071007)	4.78457 (01091505)	1.04942 (01022704)		1.43189 (01071007)		3.46935	
816350.0 (01071007)	0.90742 (01022704)	3.18166 (01071007)		5.09613 (01071007)		3.42077	
816400.0 (01071617)	6.15499 (01071007)	4.89619 (01071007)		1.61910 (01071007)		0.59183	
816450.0 (01091902)	2.38073 (01071007)	1.03405 (01091902)		2.90125 (01091902)		4.46876	
816500.0 (01091902)	5.50239 (01091902)	6.36486 (01091902)		4.61078 (01091902)		2.35354	
816550.0 (01091901)	3.23687 (01091902)	0.99189 (01091902)		1.35285 (01091901)		2.22871	
816600.0 (01091901)	6.44791 (01091901)	6.47863 (01091901)		5.76109 (01091901)		4.67143	
816650.0 (01050105)	2.20947 (01091901)	1.28599 (01050101)		0.95582 (01050105)		0.95622	
816700.0 (01091920)	7.33282 (01091920)	6.50882 (01091920)		5.81215 (01091920)		5.21913	
816750.0 (01091920)	1.89394 (01082401)	1.14323 (01050104)		1.09216 (01050105)		1.13829	
816800.0 (01082401)	6.58043 (01082401)	6.27932 (01082401)		5.40772 (01082401)		4.29462	
816850.0 (01082401)	2.94468 (01082323)	1.08482 (01050104)		1.77985 (01082401)		2.62870	
816900.0 (01082323)	5.65888 (01082323)	5.86124 (01082323)		4.14358 (01082323)		2.13201	
816950.0 (01082323)	2.29403 (01061922)	1.53117 (01082323)		3.30900 (01082323)		4.42974	

1 *** ISCST3 - VERSION 02035 *** Peng Chau STW Upgrade
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 **MODELOPTs:
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 CONC RURAL FLAT FLGPOL DFAULT

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP:
 ALL *** INCLUDING SOURCE(S): P1, S3, S4, S5, S6
 , S7, S2, S1, S8, S9, S10, S7A

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF ODOUR		IN OU			
X-COORD (M) (YYMMDDHH)	Y-COORD (M) (YYMMDDHH)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	
821478.00 (01013022)	816737.00	29.28516	(01042417)	821682.00	816681.00		
821698.00 (01091901)	816678.00	7.01213	(01082407)	821710.00	816667.00		
821696.00 (01091902)	816643.00	12.69128	(01091901)	821848.00	816577.00		
821828.00 (01091505)	816477.00	5.17858	(01071007)	821799.00	816394.00		
821909.00 (01091901)	816700.00	7.17461	(01091920)	821821.00	816625.00		
821727.00 (01091902)	816572.00	10.97181	(01091902)				

1 *** ISCST3 - VERSION 02035 *** Peng Chau STW Upgrade
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 *** 09:53:29
 **MODELOPTs:
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 CONC RURAL FLAT FLGPOL DFAULT

*** THE SUMMARY OF HIGHEST 1-HR RESULTS ***

		** CONC OF ODOUR		IN OU			
NETWORK GROUP ID OF TYPE	GRID-ID	AVERAGE CONC	(YYMMDDHH)	RECEPTOR	(XR, YR, ZELEV, ZFLAG)		
DATE							

ALL HIGH 1ST HIGH VALUE IS 111.63553 ON 01122815: AT (821400.00, 816700.00, 0.00,
1.50) GC GRD1

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR
BD = BOUNDARY

1 *** ISCST3 - VERSION 02035 *** *** Peng Chau STW Upgrade
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*** 09:53:29

**MODELOPTs:

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CONC

RURAL FLAT FLGPOL DFAULT

*** Message Summary : ISCST3 Model Execution ***

----- Summary of Total Messages -----

A Total of 0 Fatal Error Message(s)
A Total of 0 Warning Message(s)
A Total of 244 Informational Message(s)
A Total of 244 Calm Hours Identified

***** FATAL ERROR MESSAGES *****
*** NONE ***

***** WARNING MESSAGES *****
*** NONE ***

*** ISCST3 Finishes Successfully ***
